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513 7590 07/02/2007

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WASHINGTON, DC 20006-1021

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/505,478	08/24/2004	Akihiko Tanigaki	2004-1242A	4000

TITLE OF INVENTION: DESCALING NOZZLE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1400 \$300 \$0 \$1700 10/02/2007

07/27/2007 ABONDAFE 03222018 10535478

EXAMINER	ART UNIT	CLASS-SUBCLASS
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HOGAN, JAMES SEAN 3752 239-601000

01 FC:1501 1450.00 JP  
02 FC:1504 323.00 JP

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
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Wenderoth, Lind & Ponack, L.L.P.

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

- 1) KYORITSU GOKIN CO., LTD.
- 2) JFE Steel Corporation

- 1) Hyogo, Japan
- 2) Tokyo, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## 4a. The following fee(s) are submitted:

- ☒ Issue Fee  
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## 5. Change in Entity Status (from status indicated above).

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

*Michael S. Huppert*

Date

July 26, 2007

Typed or printed name

Michael S. Huppert

Registration No.

40,268

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